



SECOR  
INTERNATIONAL  
INCORPORATED

www.secor.com  
2655 Camino Del Rio N. Suite 302  
San Diego, CA 92108  
619-296-6195 TEL  
619-296-6199 FAX

June 10, 2005

Project No. 08BP.05512.05

Monitoring Well Clerk  
County of San Diego, Department of Environmental Health  
Land and Water Quality Division  
P.O. Box 129261  
San Diego, California 92112-9261

**Subject: Well Destruction Report**  
ARCO Facility No. 5512  
9606 Winter Gardens Blvd.  
Lakeside, California  
APN 382-230-58-00  
SAM Case No. H26488-001  
Well Permit No. LMON102852

Dear Sir or Madam:

SECOR International Inc. (SECOR), on behalf of Atlantic Richfield Company, destroyed three groundwater monitoring wells at the referenced site (Figure 1) under the permit issued by the County of San Diego Department of Environmental Health (DEH). Details of the well destructions are presented below.

On May 31 and June 1, 2005, SECOR observed Cascade Drilling Inc. (Cascade) destroy monitoring wells MW-1, MW-2, and MW-3 under permit number LMON102852 (Figure 1). Cascade used a CME 95 drill rig, equipped with 10-inch outer diameter (OD) hollow-stem augers to remove the well materials. All well materials were removed as the boreholes were overdrilled by the augers. The boreholes were backfilled with grout (which was placed using the tremie method) and hydrated bentonite chips from the bottom of each borehole to approximately two feet below ground surface. The well vaults were removed and the resulting voids were filled with concrete to a level that matched the surrounding ground surface.

The approximate quantities of materials used to backfill the boreholes were as follows:

Well Number	Boring Depth (feet bgs)	Well Depth (feet bgs)	Hydrated Bentonite Grout (cubic feet)	Hydrated Bentonite Chips (cubic feet)	Concrete (cubic feet)
MW-1	25.5	24.5	9.1	3.2	7.0
MW-2	25.5	24.5	10.7	1.6	7.0
MW-3	25.5	24.5	7.5	4.8	7.0

Feet bgs= feet below ground surface

Monitoring Well Clerk  
Project #08BP.05512.05  
June 10, 2005  
Page 2

A site plan and a copy of the well permit cover sheet extension are enclosed. Due to a change from the original drilling subcontractor, SECOR revised and submitted the first page of the well permit application to include Cascade's information. SECOR verbally confirmed that the revised page was received and accepted by the well permit desk prior to commencement of the fieldwork.

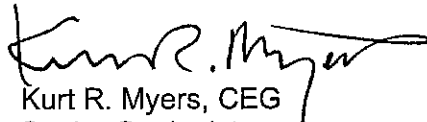
If any additional information is required, please contact the undersigned at (619) 296-6195.

Respectfully submitted,

SECOR INTERNATIONAL INCORPORATED



Melissa Garrett  
Staff Scientist



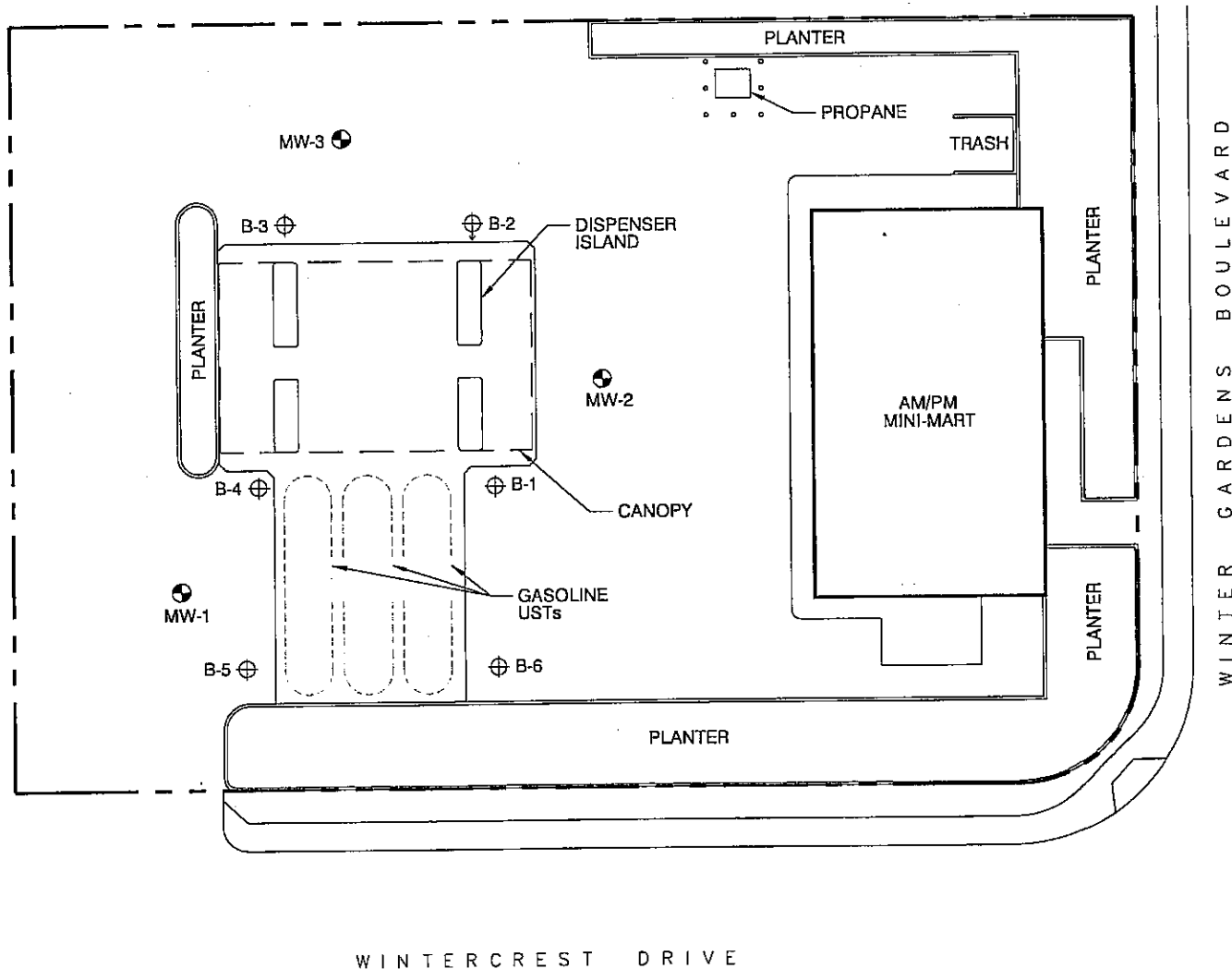
Kurt R. Myers, CEG  
Senior Geologist

cc: Mr. Dean Coblish – Cascade Drilling Inc.

Attachments: Figure 1 – Site Plan  
Well Permit Extension Cover Sheet

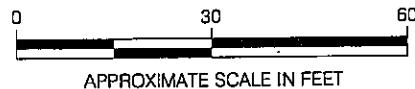


SHOPPING CENTER PARKING LOT



**LEGEND:**

- B-5 ⊕ SOIL BORING
- B-6 ⊕ ANGLED SOIL BORING
- MW-3 ⊕ GROUNDWATER MONITORING WELL



**SECOR**  
International Incorporated  
2655 CAMINO DEL RIO N., SUITE 302  
SAN DIEGO, CA. 92108

**NOTES:**

FIGURE ADAPTED FROM ENGLAND GEOSYSTEM  
ENVIRONMENTAL ENGINEERING (5/14/02)

**FIGURE 1**

**SITE PLAN**

**ARCO STATION NO. 5512**  
9606 WINTERGARDENS BLVD.  
LAKESIDE, CALIFORNIA

k:\Allprojects\2002dwgs\Arco2002\5512-2k2\5512SITEPLAN.DWG

PROJECT: 08BP.05512.01 DATE: 9/27/02



PERMIT #LMON102852  
A.P.N. #382-230-58-00  
EST #H26488-001

COUNTY OF SAN DIEGO  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
LAND AND WATER QUALITY DIVISION

MONITORING WELL PERMIT EXTENSION

SITE NAME: ARCO FACILIFTY 5512

SITE ADDRESS: 9606 WINTERGARDENS BLVD, LAKESIDE, CA 92040

PERMIT FOR: DESTROY 3 GROUNDWATER MONITORING WELLS

ORIGINAL EXPIRATION DATE: MAY 28, 2005

THIS WELL PERMIT HAS BEEN EXTENDED AT THE REQUEST OF THE  
PERMITEE. ALL CONDITIONS ON THE ORIGINAL OR MODIFIED PERMIT ARE  
STILL IN EFFECT.

REQUEST RECEIVED: MAY 16, 2005

NEW EXPIRATION DATE: SEPTEMBER 25, 2005

APPROVED BY: *M Crystal* DATE: 05/17/2005  
MARISUE CRYSTAL

NOTIFIED: 5/17/05 msc